

Title (en)
CELL WINDING CALIBRATION METHOD AND APPARATUS, DEVICE AND CELL WINDING SYSTEM

Title (de)
ZELLWICKELKALIBRIERUNGSVERFAHREN UND -VORRICHTUNG, VORRICHTUNG UND ZELLWICKELSYSTEM

Title (fr)
PROCÉDÉ ET APPAREIL D'ÉTALONNAGE D'ENROULEMENTS CELLULAIRES ET DISPOSITIF ET SYSTÈME D'ENROULEMENT CELLULAIRE

Publication
EP 4365541 A1 20240508 (EN)

Application
EP 22880223 A 20221009

Priority
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Abstract (en)
A cell winding calibration method and a device. The method comprises: acquiring a first reference distance between a first reference line (121) and a second reference line (122) (S10); acquiring a number of reference pixels contained in the first reference distance (S20); according to the first reference distance and the number of reference pixels contained in the first reference distance, determining an actual distance corresponding to a single pixel (S30); acquiring an actual number of pixels contained in a distance between an edge of a winding substrate (200) and the first reference line (121) or the second reference line (122) (S40); according to the actual number of pixels contained in the distance between the edge of the winding substrate (200) and the first reference line (121) or the second reference line (122) and the actual distance corresponding to a single pixel, determining real-time position information of the edge of the winding substrate (200) (S50); and calibrating the winding substrate (200) according to the real-time position information of the edge of the winding substrate (200) (S60). By means of the described method, the accuracy of detecting an edge position of a cell can be increased, and accuracy during cell winding calibration can be achieved.

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CPC (source: EP US)
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